CSC 531 TEST 1 REVIEW

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The test on Wednesday of week 3 will be in 3 parts:

1. Closed Book

   1. General overview of GUI and event-driven programming: different systems do it differently, but there is a common pattern to the different approaches. You need to understand this common pattern and be able to discuss it, with specific examples from specific systems (such as Java Swing).

   2. The Windows API: overview, main concepts and functions provided by Windows to support GUI applications, such as window classes, Windows messages, window procedures, default window procedures.

   3. Brief history of the .NET platform, the impetus for its development, its relation to other systems such as Microsoft Windows and the Java Virtual Machine. Application Domains.

   4. Overview of WPF, its main features, and how it differs from Windows Forms and Java Swing.

2. Open Book, No On-line Access

   5. C# concepts and the Java counterparts. You should have a list of these in your notes. Also, .NET delegates and their use as callbacks, and in event handling.

3. Open Book, Online Access

   6. You will write short programs in C# to solve some simple problems. Questions will be designed to test your ability to use the features of C# and .NET covered in class and in the first programming assignment.